

# Special Winter Weather Briefing



**NWS Peachtree City, Georgia**  
**January 22, 2016**

[www.srh.noaa.gov/ffc/html/briefings.php](http://www.srh.noaa.gov/ffc/html/briefings.php)



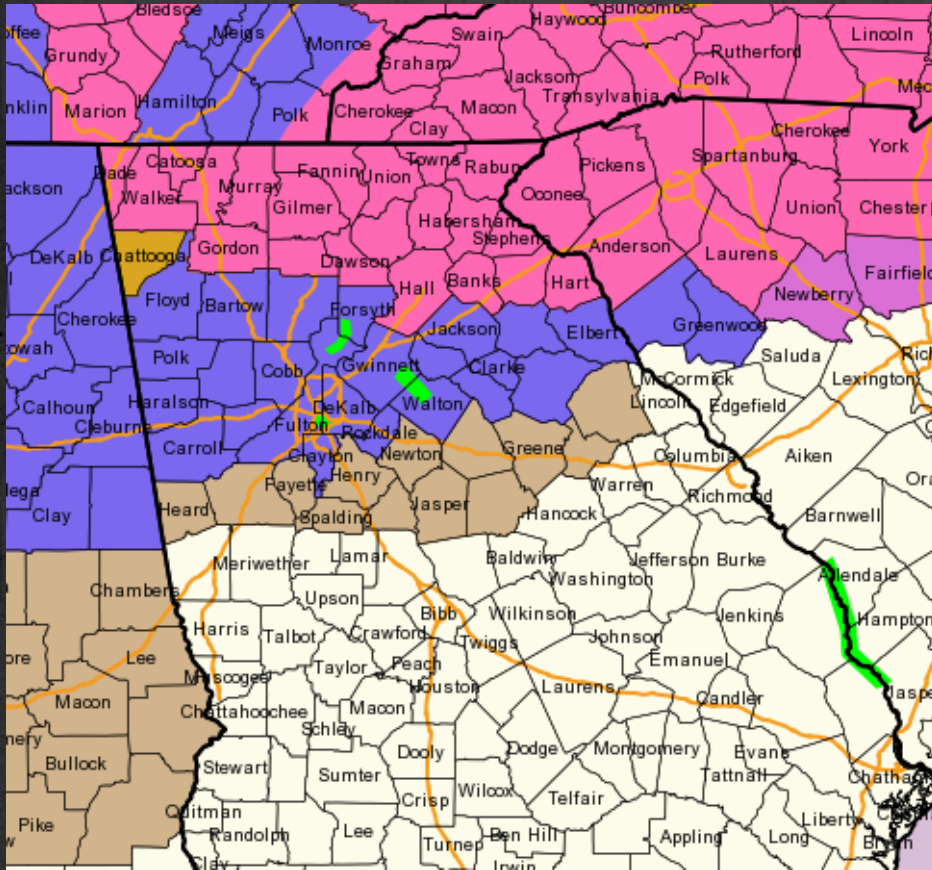
# Latest information/changes

- Winter Storm Warnings/Advisories remain on track
  - Northern mountains now in effect
  - Northwest GA counties Warning + I-20/I-85 corridor Advisory begins at 3PM
- Severe (thunderstorm) threat has diminished/ended
- Rain to snow change-over all areas between 3-8PM
  - ATL metro: ~4-6PM
- Windy/Cold - Saturday





# Watch/Warning/Advisory



- WINTER STORM WARNING
- Dade/Walker/Catoosa/Whitfield/Gordon
  - 3PM Today – 7PM Saturday
  - 1-4" Snow
- Other Counties (NE GA)
  - **\*\* IN EFFECT NOW \*\***
  - ICE ACCUMS: 0.05-0.25"
  - SNOW:
    - 2-5" (valleys)
    - 5-10" (mountains)
- WINTER WEATHER ADVISORY
  - 3PM Today – 7PM Sat
  - Dusting to 2" snow

# Highlights: Today-Tonight

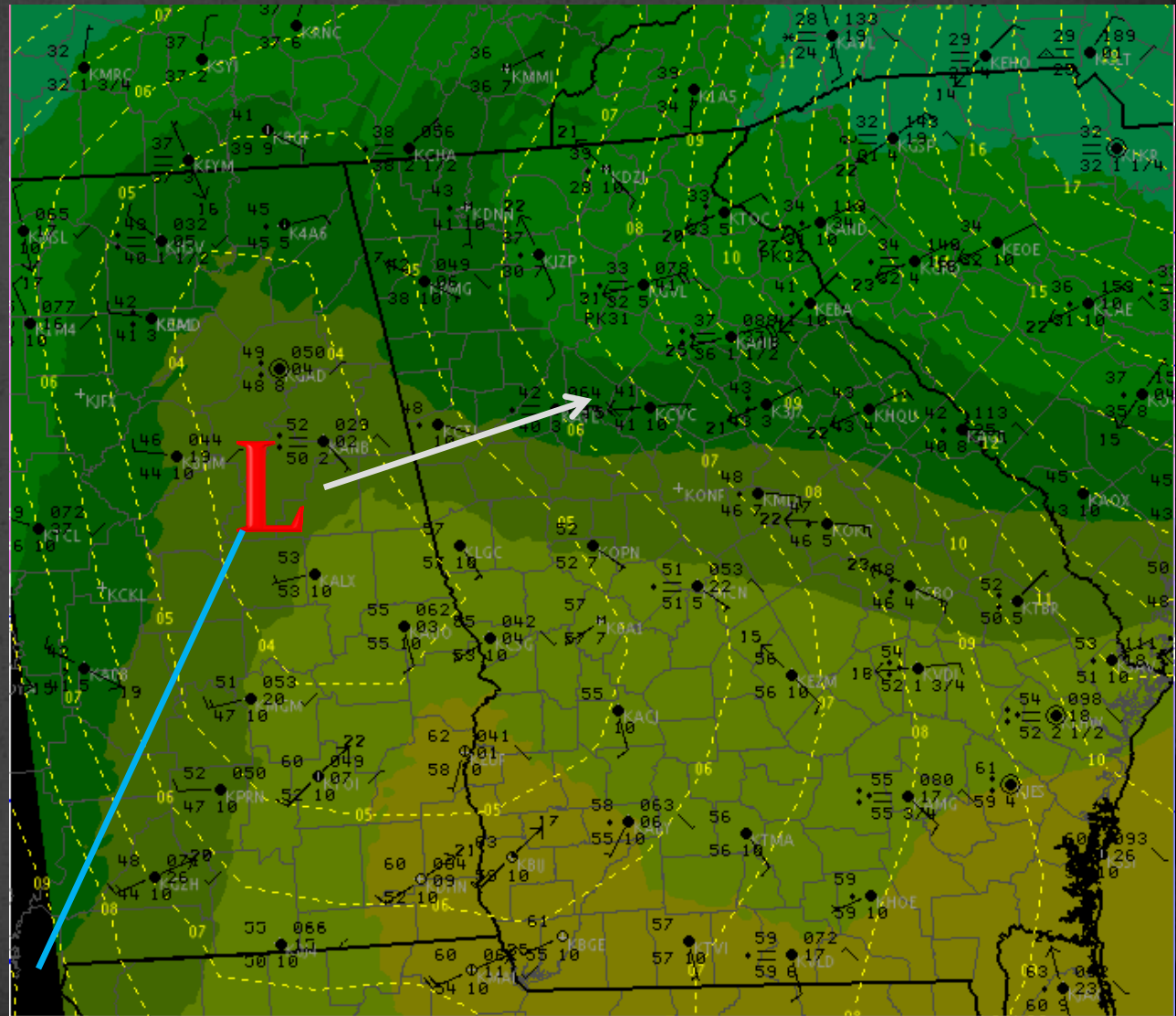
- **Freezing Rain** this afternoon – (Gainesville to Dawsonville to Dahlonega)
- Gusty winds (15-30 MPH) through mid afternoon
- Rain changing to Snow mid-late this afternoon/early evening:
  - Northwest GA... ~3-5 PM
  - **ATL metro**... ~4-6PM
  - Remainder of the area by 7-10PM
- Periods of Snow continuing through the night...gradually diminishing to snow showers/flurries by daybreak (Sat)
  - **1 to 4 inches expected along/north of I-20/I-85 corridors**
  - **Mountains (NE GA) could see 10+ inches!**





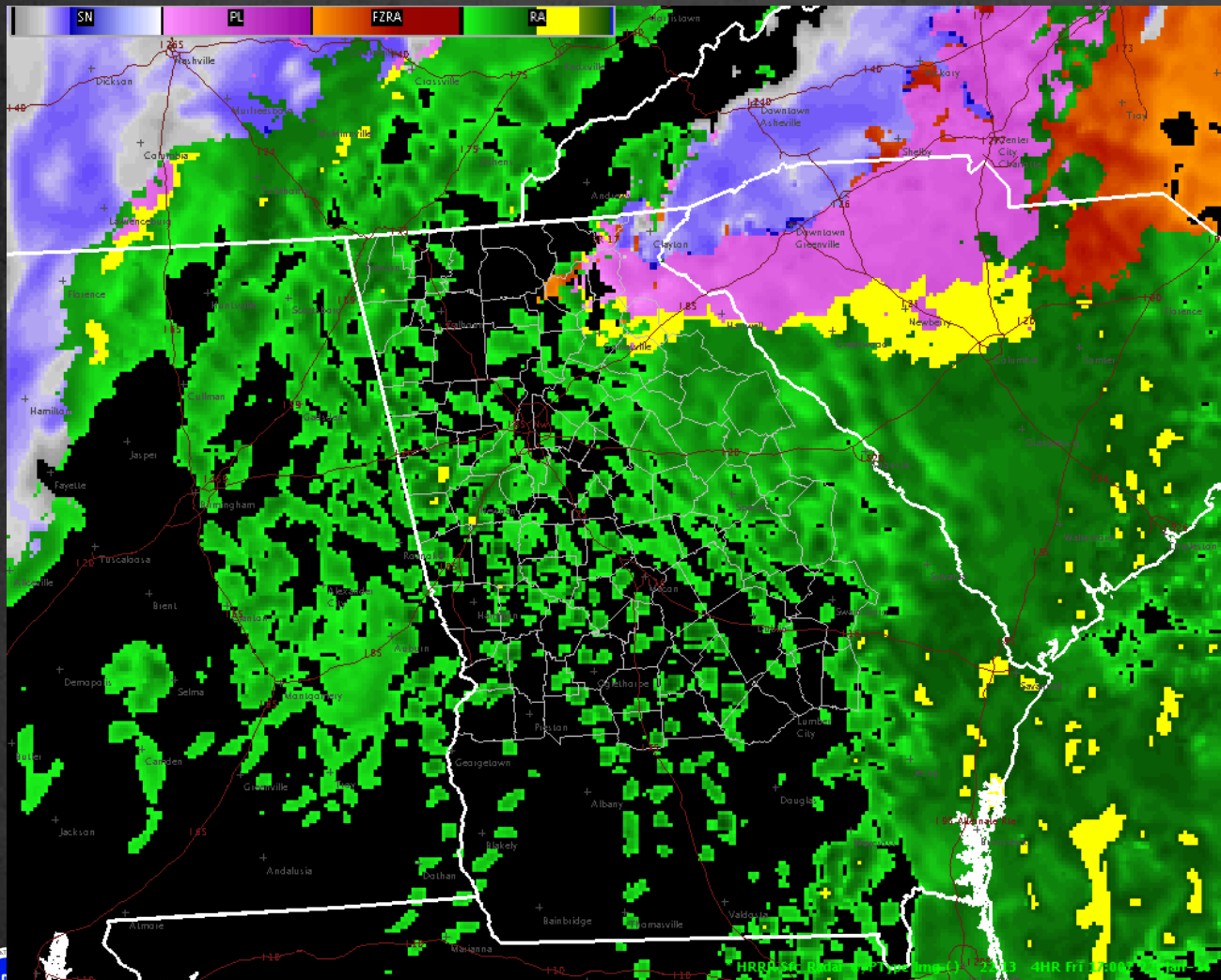
# Current/Latest Conditions – 10AM Map

- Wedge in place (NE GA)
- Surface Low Pressure over east-central AL
- Colder air quickly moving across AL



# Radar Forecast: Through Midnight

Valid: Noon Today through 11PM Tonight

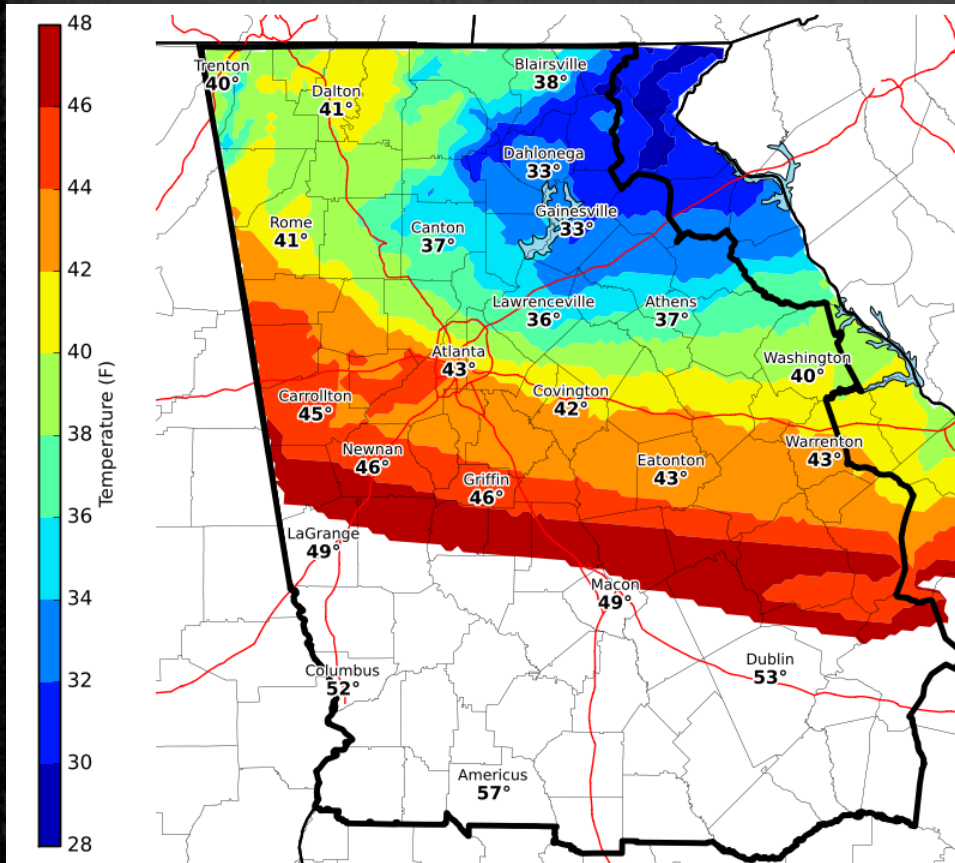


- Note **freezing rain (orange)** expansion across NE GA
- Rain/Snow mix (by 6PM) across ATL Metro
- Rapid change to SNOW between 6-10PM

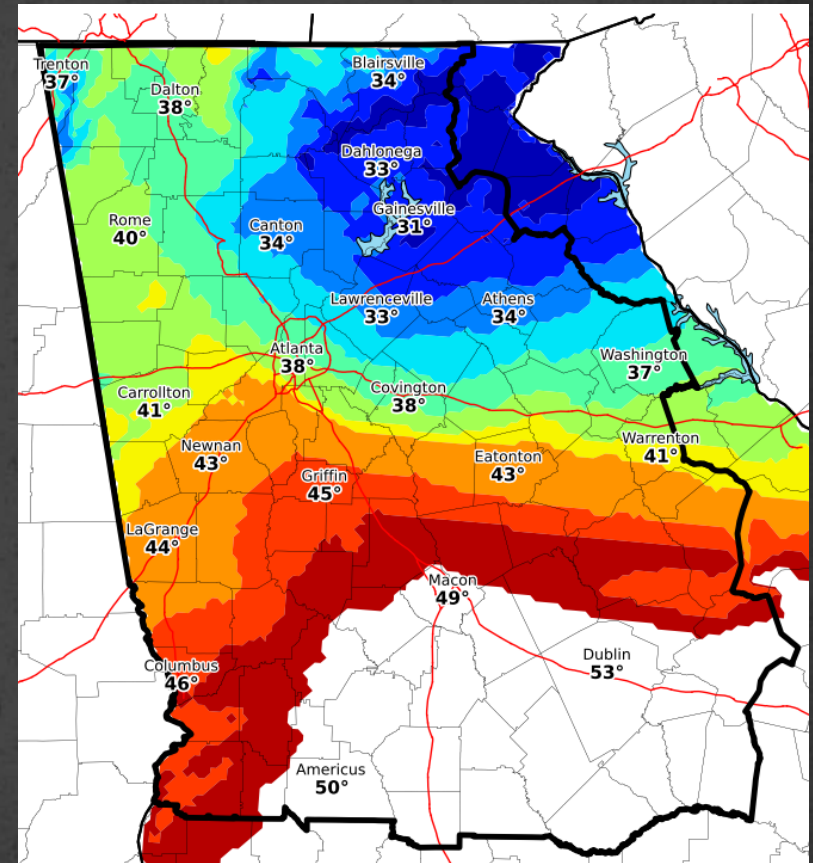


# Temperatures

- 1PM Today

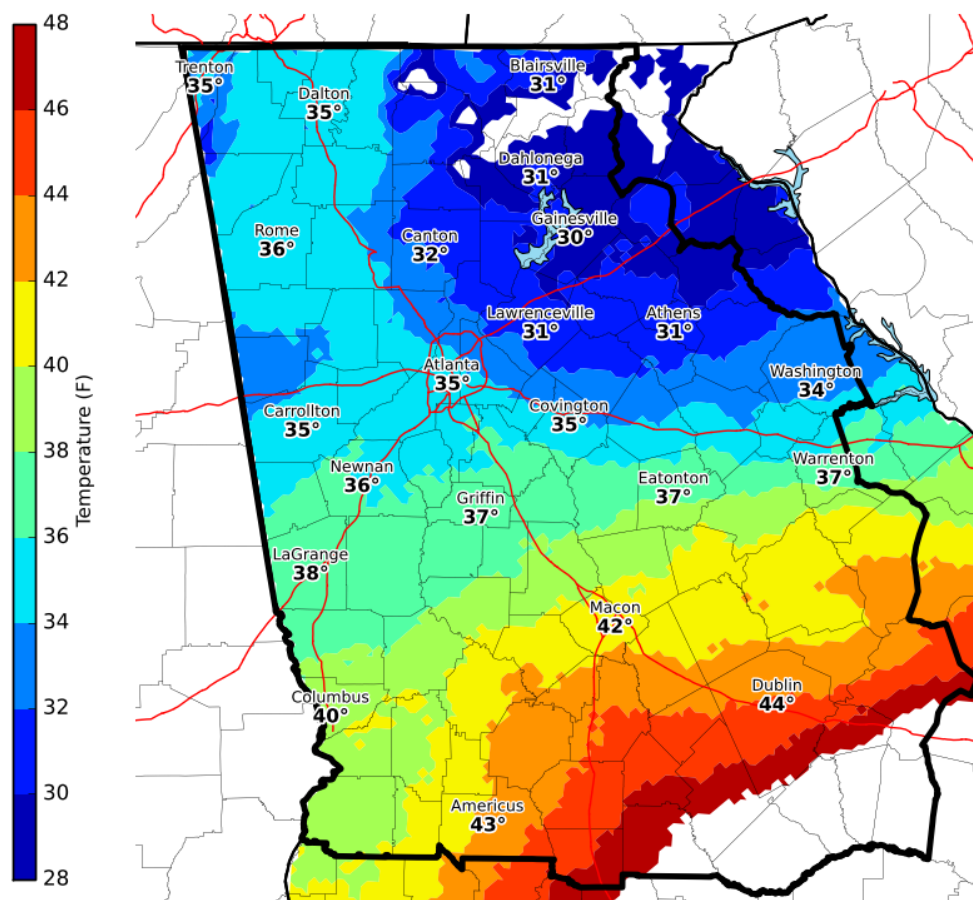


- 4PM Today

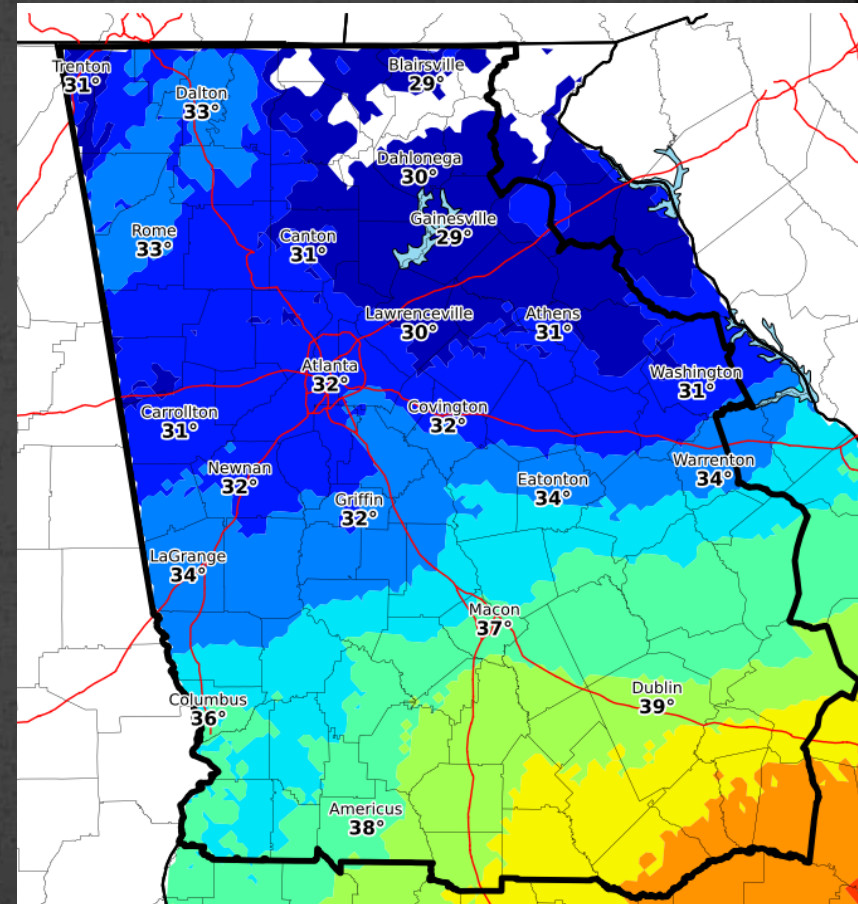


# Temperatures

- 8PM Tonight



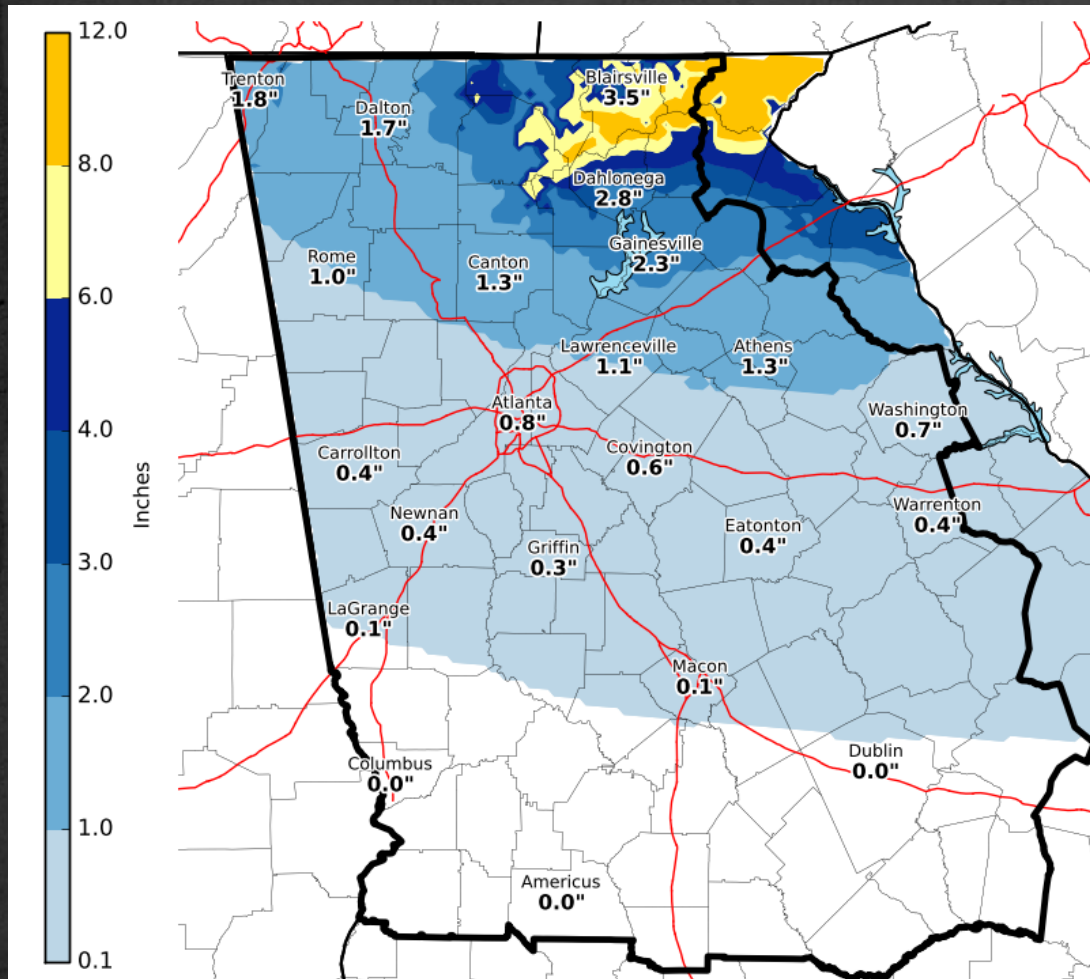
- Midnight Tonight





# Prelim Total Snowfall

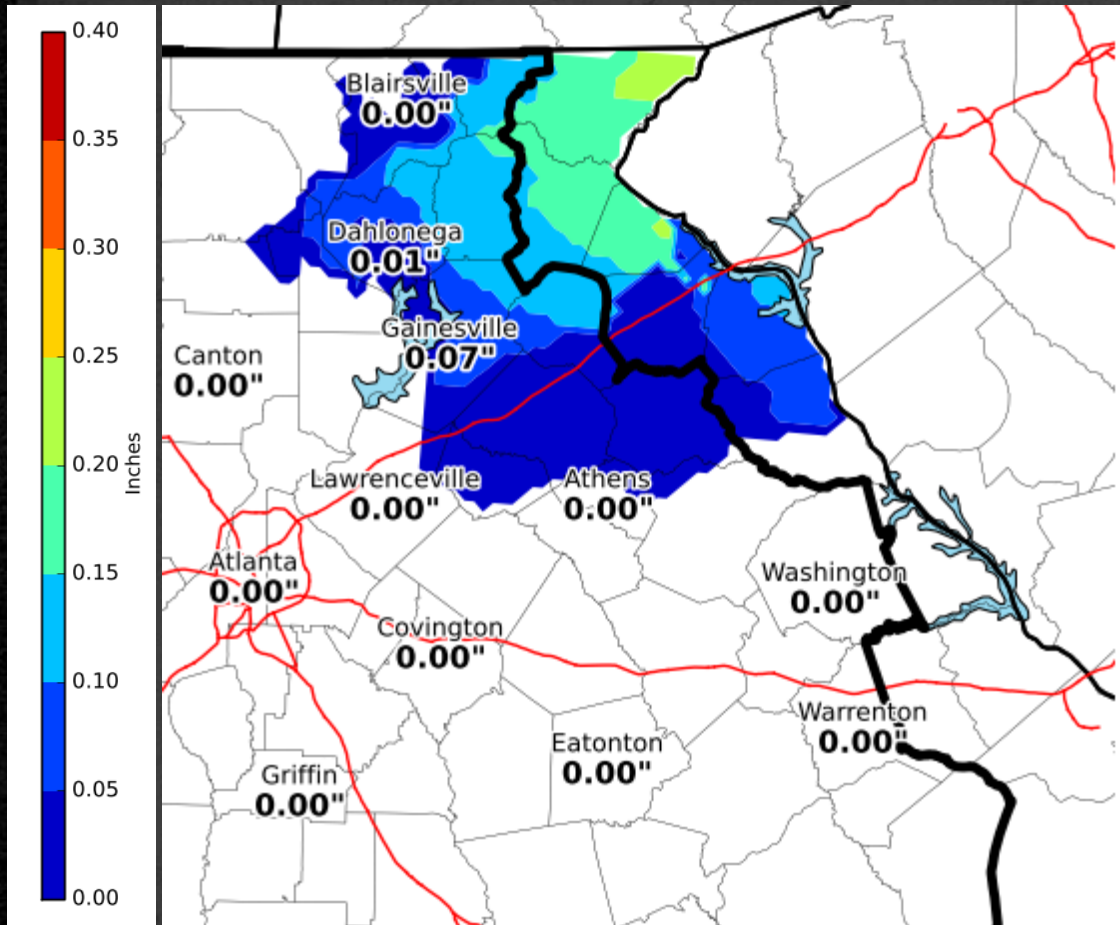
## (Through Saturday AM)



- Heaviest amounts in area expected north of a Rome to Canton to Gainesville line
- Amounts will vary depending on if/how "banding" develops
- Road Impacts will worsen through evening/overnight as temps drop < 32F
- Biggest Concern in ATL metro tonight -- bridges & overpasses

# Prelim Ice Accumulations

## (Through Friday Evening)

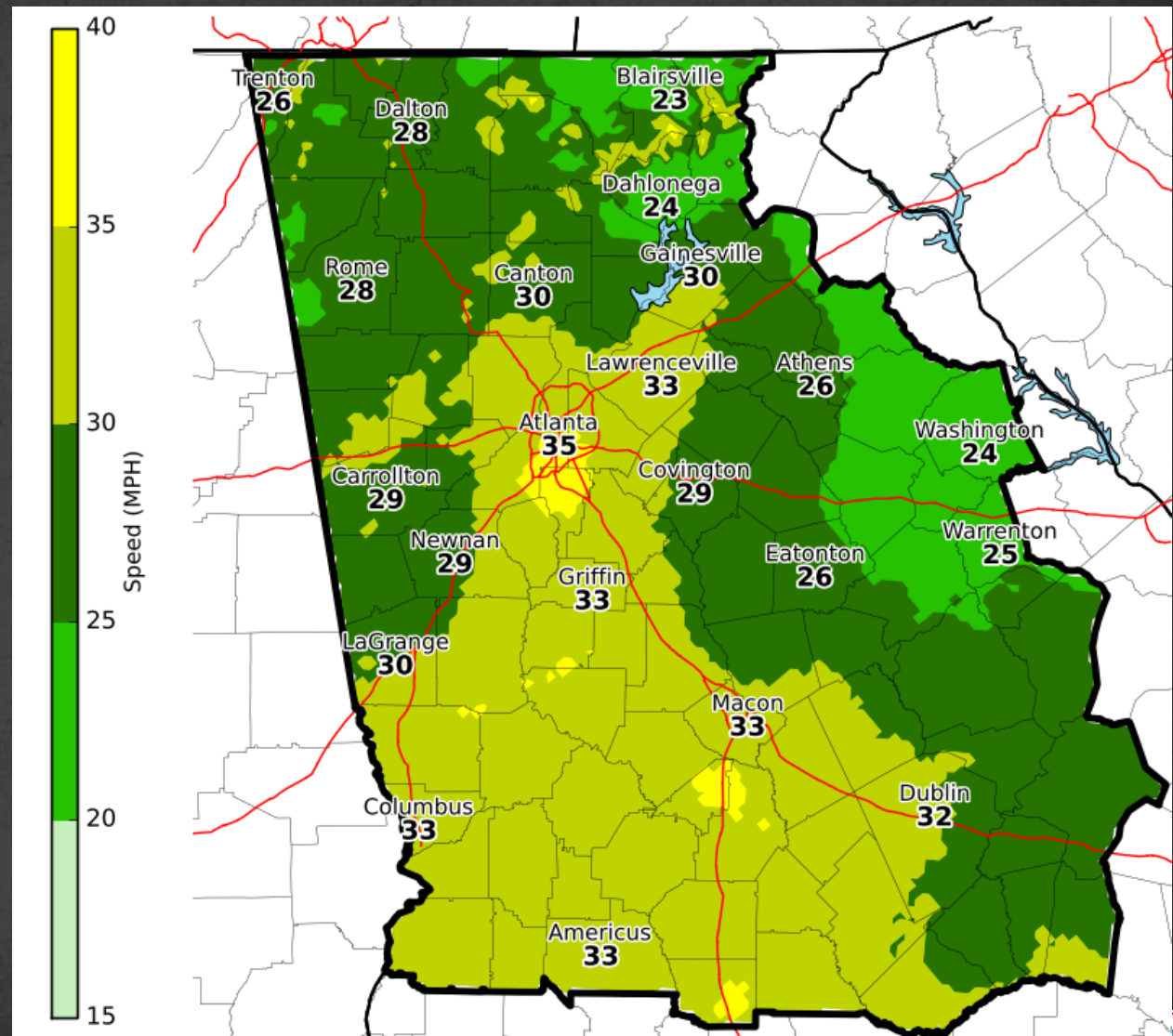


- Shallow cold air IS in place!
  - Temperatures already around 32F (White/Hall/Lumpkin)
- Temps will be steady or slowly fall through day
- Freezing Rain gradually becoming Snow by around 6PM.

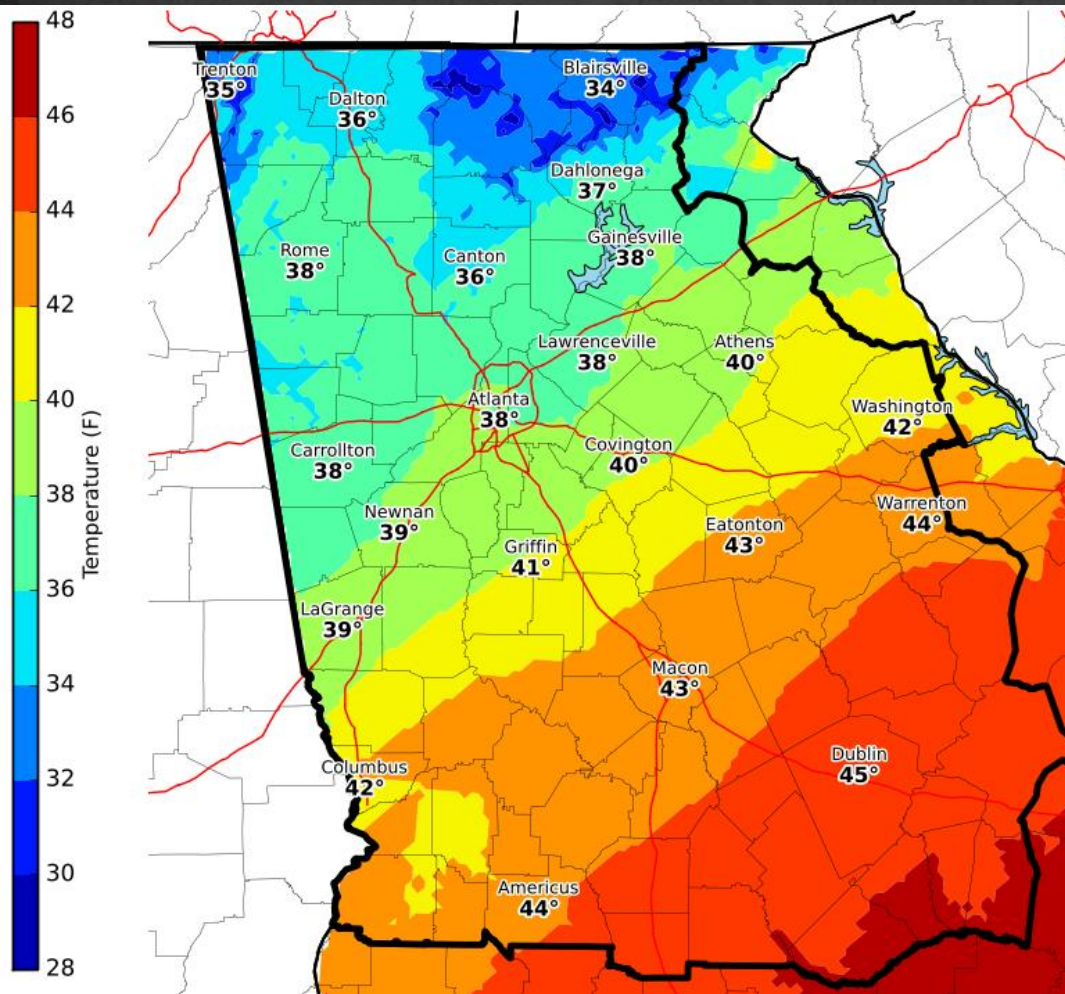


# Saturday - Max Wind Gusts (MPH)

- NW Wind (dir)
- 15-25 MPH sustained
- Gusts 30-35 MPH (higher in the mountains)
- More downed trees/powerlines



# Saturday – Max Temperatures



- Metro ATL rising above 32F between 10A-Noon
- Early to Mid afternoon across northern mountains?
  - Snow cover will limit warming



# Summary

- **Freezing Rain** this afternoon – (Gainesville to Dawsonville to Dahlonega)
- Gusty winds (15-30 MPH) through mid afternoon
- Rain changing to Snow late this afternoon/early evening:
  - Northwest GA... ~3-5 PM
  - **ATL metro**... ~4-6PM
  - Remainder of the area by 7-10PM
- Periods of Snow continuing through the night...gradually diminishing to snow showers/flurries by daybreak (Sat)
  - **1 to 4 inches expected along/north of I-20/I-85 corridors**
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